

## Constructor Overloading :-

A class has two or more constructor functions with same name but different parameters called constructor overloading.

WAP to find SI using constructor overloading

```
#include <iostream>
```

```
using namespace std;
```

```
class SI
```

```
{
```

```
private:
```

```
float p, r, t, si;
```

```
public:
```

```
SI( ) // Default
```

```
{
```

```
}
```

```
SI( float n, float y, float z) // parameterised
```

```
{
```

```
p = n;
```

```
r = y;
```

```
t = z;
```

```
}
```

```
void compute( )
```

```
{
```

```
si = (p * r * t) / 100;
```

```
cout << "SI is " << si;
```

```
}
```

```
};
```

```
void main( )
```

```
{
```

```
SI s1, s2(10000, 12, 20);
```

```
s2.compute();
```

```
}
```